

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1600RXA

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 DEC 01 ChemPort single article sales feature unavailable  
NEWS 3 JAN 06 The retention policy for unread STNmail messages  
will change in 2009 for STN-Columbus and STN-Tokyo  
NEWS 4 JAN 07 WPIDS, WPINDEX, and WPIX enhanced Japanese Patent  
Classification Data  
NEWS 5 FEB 02 Simultaneous left and right truncation (SLART) added  
for CERAB, COMPUAB, ELCOM, and SOLIDSTATE  
NEWS 6 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING  
NEWS 7 FEB 06 Patent sequence location (PSL) data added to USGENE  
NEWS 8 FEB 10 COMPENDEX reloaded and enhanced  
NEWS 9 FEB 11 WTEXTILES reloaded and enhanced  
NEWS 10 FEB 19 New patent-examiner citations in 300,000 CA/CAPLUS  
patent records provide insights into related prior  
art  
NEWS 11 FEB 19 Increase the precision of your patent queries -- use  
terms from the IPC Thesaurus, Version 2009.01  
NEWS 12 FEB 23 Several formats for image display and print options  
discontinued in USPATFULL and USPAT2  
NEWS 13 FEB 23 MEDLINE now offers more precise author group fields  
and 2009 MeSH terms  
NEWS 14 FEB 23 TOXCENTER updates mirror those of MEDLINE - more  
precise author group fields and 2009 MeSH terms  
NEWS 15 FEB 23 Three million new patent records blast AEROSPACE into  
STN patent clusters  
NEWS 16 FEB 25 USGENE enhanced with patent family and legal status  
display data from INPADOCDB  
NEWS 17 MAR 06 INPADOCDB and INPAFAMDB enhanced with new display  
formats  
NEWS 18 MAR 11 EPFULL backfile enhanced with additional full-text  
applications and grants  
NEWS 19 MAR 11 ESBIOBASE reloaded and enhanced  
NEWS 20 MAR 20 CAS databases on STN enhanced with new super role  
for nanomaterial substances  
NEWS 21 MAR 23 CA/CAPLUS enhanced with more than 250,000 patent  
equivalents from China  
NEWS 22 MAR 30 IMSPATENTS reloaded and enhanced  
NEWS 23 APR 03 CAS coverage of exemplified prophetic substances  
enhanced  
NEWS 24 APR 07 STN is raising the limits on saved answers

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

NEWS IPC8      For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 19:55:15 ON 07 APR 2009

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 19:55:34 ON 07 APR 2009

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 APR 2009 HIGHEST RN 1132745-38-0

DICTIONARY FILE UPDATES: 6 APR 2009 HIGHEST RN 1132745-38-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

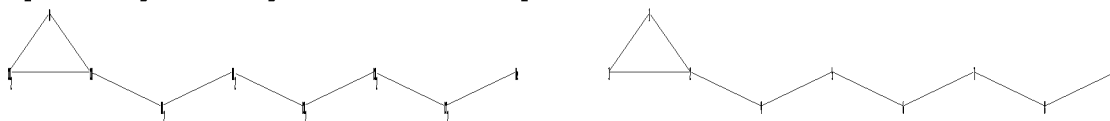
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\QUERIES\09719375.str



chain nodes :

4 5 6 7 8 9

ring nodes :

1 2 3

chain bonds :

2-4 4-5 5-6 6-7 7-8 8-9

ring bonds :

1-2 1-3 2-3

exact/norm bonds :

1-2 1-3 2-3

exact bonds :

2-4 4-5 5-6 6-7 7-8 8-9

Match level :

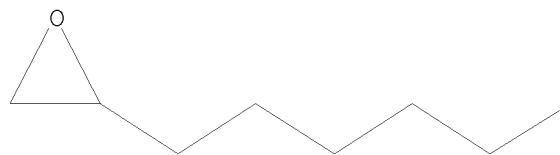
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 19:55:47 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4753 TO ITERATE

42.1% PROCESSED 2000 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 90926 TO 99194

PROJECTED ANSWERS: 7094 TO 9540

L2 50 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 19:55:51 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 93274 TO ITERATE

100.0% PROCESSED 93274 ITERATIONS

8329 ANSWERS

SEARCH TIME: 00.00.01

L3 8329 SEA SSS FUL L1

=> s l2 and caplus/lc

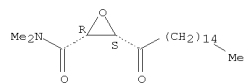
64988239 CAPLUS/LC

L4 44 L2 AND CAPLUS/LC

=> d scan 13

L3 8329 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
IN 2-Oxiranecarboxamide, N,N-dimethyl-3-(1-oxohexadecyl)-, (2R,3S)-  
MF C21 H39 N O3

Absolute stereochemistry.



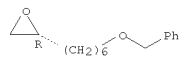
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> d 13 1-10

L3 ANSWER 1 OF 8329 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1128025-15-9 REGISTRY  
 ED Entered STN: 27 Mar 2009  
 CN Oxirane, 2-[6-(phenylmethoxy)hexyl]-, (2R)- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C15 H22 O2  
 SR CA  
 LC STN Files: CA, CAPLUS

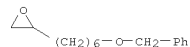
Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 8329 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1128025-14-8 REGISTRY  
 ED Entered STN: 27 Mar 2009  
 CN Oxirane, 2-[6-(phenylmethoxy)hexyl]- (CA INDEX NAME)  
 MF C15 H22 O2  
 SR CA  
 LC STN Files: CA, CAPLUS

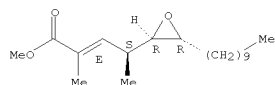


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 3 OF 8329 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1127355-57-0 REGISTRY  
 ED Entered STN: 26 Mar 2009  
 CN 2-Pentenoic acid, 4-[(2R,3R)-3-decyl-2-oxiranyl]-2-methyl-, methyl ester, (2E,4S)- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C19 H34 O3  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (+).  
 Double bond geometry as shown.

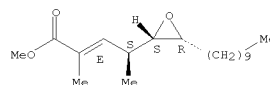


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 4 OF 8329 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1127355-56-9 REGISTRY  
 ED Entered STN: 26 Mar 2009  
 CN 2-Pentenoic acid, 4-[(2S,3R)-3-decyl-2-oxiranyl]-2-methyl-, methyl ester, (2E,4S)- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C19 H34 O3  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (-).  
 Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

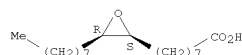
1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 8329 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1123248-81-6 REGISTRY  
 ED Entered STN: 18 Mar 2009  
 CN INDEX NAME NOT YET ASSIGNED  
 FS STEREOSEARCH  
 MF (C18 H34 O3 . C3 H8 O2)x  
 CI PMS  
 PCT Polyether, Polyether formed, Polyether  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

CM 1

CRN 24560-98-3  
 CMF C18 H34 O3

Relative stereochemistry.



CM 2

CRN 504-63-2  
 CMF C3 H8 O2

HO-CH2-CH2-CH2-OH

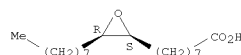
1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 6 OF 8329 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1123248-77-0 REGISTRY  
 ED Entered STN: 18 Mar 2009  
 CN INDEX NAME NOT YET ASSIGNED  
 FS STEREOSEARCH  
 MF (C18 H34 O3 . C8 H18 O2)x  
 CI PMS  
 PCT Polyether, Polyether formed, Polyether  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

CM 1

CRN 24560-98-3  
 CMF C18 H34 O3

Relative stereochemistry.



CM 2

CRN 629-41-4  
 CMF C8 H18 O2

HO-(CH2)8-OH

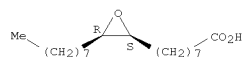
1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 7 OF 8329 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1123248-73-6 REGISTRY  
 ED Entered STN: 18 Mar 2009  
 CN INDEX NAME NOT YET ASSIGNED  
 FS STEREOSEARCH  
 MF (C18 H34 O3)x  
 CI PMS  
 PCT Polyether, Polyether formed  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

CM 1

CRN 24560-98-3  
 CMF C18 H34 O3

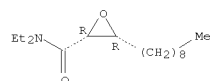
Relative stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 8 OF 8329 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1119228-08-8 REGISTRY  
 ED Entered STN: 11 Mar 2009  
 CN 2-Oxiranecarboxamide, N,N-diethyl-3-nonyl-, (2R,3R)- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C16 H31 N O2  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

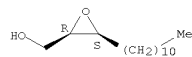


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 9 OF 8329 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1119228-07-7 REGISTRY  
ED Entered STN: 11 Mar 2009  
CN 2-Oxiranemethanol, 3-undecyl-, (2R,3S)-rel- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C14 H28 O2  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

Relative stereochemistry.

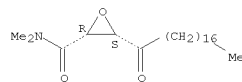


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 10 OF 8329 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1119228-03-3 REGISTRY  
ED Entered STN: 11 Mar 2009  
CN 2-Oxiranecarboxamide, N,N-dimethyl-3-(1-oxooctadecyl)-, (2R,3S)- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C23 H43 N O3  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



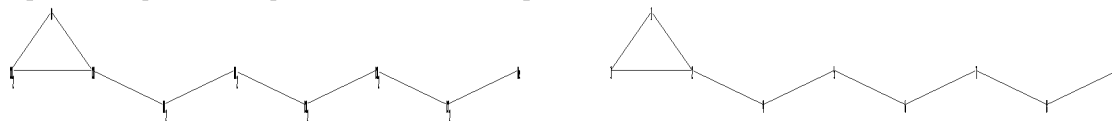
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)



=>

Uploading C:\Program Files\Stnexp\Queries\QUERIES\09719375.str



chain nodes :

4 5 6 7 8 9

ring nodes :

1 2 3

chain bonds :

2-4 4-5 5-6 6-7 7-8 8-9

ring bonds :

1-2 1-3 2-3

exact/norm bonds :

1-2 1-3 2-3

exact bonds :

2-4 4-5 5-6 6-7 7-8 8-9

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS

L5 STRUCTURE UPLOADED

=> d his

(FILE 'HOME' ENTERED AT 19:55:15 ON 07 APR 2009)

FILE 'REGISTRY' ENTERED AT 19:55:34 ON 07 APR 2009

L1 STRUCTURE UPLOADED

L2 50 S L1

L3 8329 S L1 FULL

L4 44 S L2 AND CAPLUS/LC

L5 STRUCTURE UPLOADED

=> s 15 subset=13 full

FULL SUBSET SEARCH INITIATED 19:57:38 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 8329 TO ITERATE

100.0% PROCESSED 8329 ITERATIONS

57 ANSWERS

SEARCH TIME: 00.00.01

L6 57 SEA SUB=L3 SSS FUL L5

=> s 16 and caplus/lc

64988239 CAPLUS/LC

L7 52 L6 AND CAPLUS/LC

=> s 16 not 17

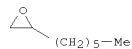
L8 5 L6 NOT L7

=> d 18 1-5

L8 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1007223-49-5 REGISTRY  
ED Entered STN: 10 Mar 2008  
CN Oxirane, 2-hexyl-, polymer with oxirane, block (CA INDEX NAME)  
MF (C8 H16 O . C2 H4 O)x  
CI PMS, COM  
PCT Polyether, Polyether formed  
SR CA

CM 1

CRN 2984-50-1  
CMF C8 H16 O



CM 2

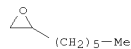
CRN 75-21-8  
CMF C2 H4 O



L8 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 478784-84-8 REGISTRY  
ED Entered STN: 13 Jan 2003  
CN Oxirane, hexyl-, polymer with methyloxirane, block (9CI) (CA INDEX NAME)  
MF (C8 H16 O . C3 H6 O)x  
CI PMS, COM  
PCT Polyether, Polyether formed  
SR CA

CM 1

CRN 2984-50-1  
CMF C8 H16 O



CM 2

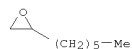
CRN 75-56-9  
CMF C3 H6 O



L8 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 380598-43-6 REGISTRY  
ED Entered STN: 07 Jan 2002  
CN Oxirane, ethyl-, polymer with hexyloxirane and methyloxirane (9CI) (CA INDEX NAME)  
MF (C8 H16 O . C4 H8 O . C3 H6 O)x  
CI PMS, COM  
PCT Polyether, Polyether formed  
SR CA

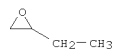
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CRN 2984-50-1  
CMF C8 H16 O



CM 2

CRN 106-88-7  
CMF C4 H8 O



CM 3

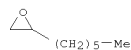
CRN 75-56-9  
CMF C3 H6 O



L8 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 175779-45-0 REGISTRY  
ED Entered STN: 07 May 1996  
CN Oxirane, decyl-, polymer with hexyloxirane (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Oxirane, hexyl-, polymer with decyloxirane (9CI)  
MF (C12 H24 O . C8 H16 O)x  
CI PMS, COM  
PCT Polyether, Polyether formed  
SR CA

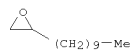
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CRN 2984-50-1  
CMF C8 H16 O



CM 2

CRN 2855-19-8  
CMF C12 H24 O

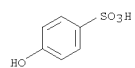


L8 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 163252-77-5 REGISTRY  
 ED Entered STN: 25 May 1995  
 CN Oxirane, hexyl-, polymer with oxirane, mono(4-sulfophenyl) ether,  
 monosodium salt (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Oxirane, polymer with hexyloxirane, mono(4-sulfophenyl) ether, monosodium  
 salt (9CI)  
 MF (C8 H16 O . C2 H4 O)x . C6 H6 O4 S . Na  
 CI CCM  
 PCT Polyether, Polyether formed  
 SR CA

CM 1

CRN 98-67-9

CMF C6 H6 O4 S



CM 2

CRN 124604-86-0

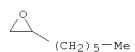
CMF (C8 H16 O . C2 H4 O)x

CCI FMS

CM 3

CRN 2984-50-1

CMF C8 H16 O



CM 4

CRN 75-21-8

CMF C2 H4 O



```
=> fil caplus
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          274.21      274.43
```

FILE 'CAPLUS' ENTERED AT 19:59:46 ON 07 APR 2009  
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FILE COVERS 1907 - 7 Apr 2009 VOL 150 ISS 15  
FILE LAST UPDATED: 6 Apr 2009 (20090406/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> d his
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(FILE 'HOME' ENTERED AT 19:55:15 ON 07 APR 2009)

FILE 'REGISTRY' ENTERED AT 19:55:34 ON 07 APR 2009

```
L1          STRUCTURE UPLOADED
L2          50 S L1
L3          8329 S L1 FULL
L4          44 S L2 AND CAPLUS/LC
L5          STRUCTURE UPLOADED
L6          57 S L5 FULL SUB=L3
L7          52 S L6 AND CAPLUS/LC
L8          5 S L6 NOT L7
```

FILE 'CAPLUS' ENTERED AT 19:59:46 ON 07 APR 2009

```
=> s 17
```

```
L9          1547 L7
```

```
=> s 19 and super critical
```

```
76758 SUPER
18 SUPERS
76774 SUPER
```

```

                (SUPER OR SUPERS)
114246 CRITICAL
    47 CRITICALS
114288 CRITICAL
                (CRITICAL OR CRITICALS)
498132 CRIT
    12 CRITS
498140 CRIT
                (CRIT OR CRITS)
536680 CRITICAL
                (CRITICAL OR CRIT)
    1447 SUPER CRITICAL
                (SUPER(W)CRITICAL)
L10          0 L9 AND SUPER CRITICAL

```

```

=> s l9 and carbon dioxide
    1450645 CARBON
    30323 CARBONS
    1461296 CARBON
                (CARBON OR CARBONS)
    555774 DIOXIDE
    7057 DIOXIDES
    557591 DIOXIDE
                (DIOXIDE OR DIOXIDES)
    266552 CARBON DIOXIDE
                (CARBON(W)DIOXIDE)
L11          35 L9 AND CARBON DIOXIDE

```

```

=> s l11 and critical
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    47 CRITICALS
    114288 CRITICAL
                (CRITICAL OR CRITICALS)
    498132 CRIT
    12 CRITS
    498140 CRIT
                (CRIT OR CRITS)
    536680 CRITICAL
                (CRITICAL OR CRIT)
L12          1 L11 AND CRITICAL

```

```

=> d ibib abs hitstr

```

ACCESSION NUMBER: 2005:1262375 CAPLUS

DOCUMENT NUMBER: 144:24211

TITLE: Branched surfactants having fluoroalkyl groups and hydrocarbon groups

INVENTOR(S): Nagai, Takabumi; Fujii, Kazuhisa

PATENT ASSIGNEE(S): Daikin Industries, Ltd., Japan

SOURCE: PCT Int. Appl., 25 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005113488	A1	20051201	WO 2005-JP8893	20050516
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HU, ID, IL, IN, IS, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
JP 2005330224	A	20051202	JP 2004-149934	20040520
JP 2006008517	A	20060112	JP 2004-183077	20040621
EP 1762566	A1	20070314	EP 2005-739356	20050516
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
US 20080093582	A1	20080424	US 2007-596672	20070129
PRIORITY APPLN. INFO.:			JP 2004-149934	A 20040520
			JP 2004-183077	A 20040621
			WO 2005-JP8893	W 20050516

OTHER SOURCE(S): MARPAT 144:24211

AB Surfactants for uses in CO<sub>2</sub>-water systems have fluoroalkyl groups optionally containing ether groups and sulfonic acid groups or derivs. thereofand sulfate groups. Thus, C<sub>6</sub>F<sub>13</sub>CH<sub>2</sub>CH<sub>2</sub>O<sub>2</sub>CCH(SO<sub>3</sub>Na)CH<sub>2</sub>CO<sub>2</sub>C<sub>6</sub>H<sub>13</sub> was prepared, which dissolved 0.9 g water/g surfactant into CO<sub>2</sub>, compared with 0.2 for asimilar compound having 2 C<sub>4</sub>F<sub>9</sub>(CH<sub>2</sub>)<sub>4</sub> groups.

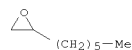
IT 2984-50-1, 1,2-Epoxyoctane

RL: RCT (Reactant); RACT (Reactant or reagent)

(branched surfactants having fluoroalkyl groups and hydrocarbon groups for uses in carbon dioxide-water systems)

RN 2984-50-1 CAPLUS

CN Oxirane, 2-hexyl- (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RECORD.

FORMAT

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

17.34

291.77

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.82

-0.82

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